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| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number   | 10/784,391            |
|  | Filing Date          | February 23, 2004     |
|  | First Named Inventor | M. TSUKUDA et al.     |
|  | Art Unit             | 2627                  |
|  | Examiner Name        | Aristotelis M. Psitos |
|  | Attorney Docket No.  | AOY-3972US            |
| Total Number of Pages in This Submission   |                      |                       |

| ENCLOSURES (Check all that apply)   |  |  |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation,<br>Change of Correspondence<br>Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication<br>to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply<br>Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>identify below): Return Postcard |
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| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT |                    |                  |        |
|---|--------------------|------------------|--------|
| Firm Name                                 | RatnerPrestia      |                  |        |
| Signature                                 |                    |                  |        |
| Printed Name                              | Lawrence E. Ashery |                  |        |
| Date                                      | June 12, 2007      | Registration No. | 34,515 |

| CERTIFICATE OF TRANSMISSION / MAILING   |              |      |               |
|---|--------------|------|---------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |              |      |               |
| Signature   |              |      |               |
| Typed or Printed Name   | Beth Johnson | Date | June 12, 2007 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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Application No.: 10/784,391  
Amendment Dated: June 12, 2007  
Reply to Office Action of: March 14, 2007

AOY-3972US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/784,391  
Applicant: Masahiko TSUKUDA et al.  
Filed: February 23, 2004  
Title: ELECTRON BEAM RECORDER AND ELECTRON BEAM IRRADIATION  
POSITION DETECTING METHOD  
TC/A.U.: 2627  
Examiner: Aristotelis M. Psitos  
Confirmation No.: 8430  
Docket No.: AOY-3972US

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated **March 14, 2007**, please amend the above-identified application as follows:

- ☐ **Amendments to the Specification** begin on page of this paper.
- ☒ **Amendments to the Claims** are reflected in the listing of claims which begins on page **2** of this paper.
- ☐ **Amendments to the Drawings** begin on page of this paper and include an attached replacement sheet(s).
- ☐ **Amendments to the Abstract** are on page of this paper. A clean version of the Abstract is on page of this paper.
- ☒ **Remarks/Arguments** begin on page **6** of this paper.